



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

We make Indiana a cleaner, healthier place to live.

Frank O'Bannon
Governor

Lori F. Kaplan
Commissioner

100 North Senate Avenue
P. O. Box 6015
Indianapolis, Indiana 46206-6015
(317) 232-8603
(800) 451-6027
www.state.in.us/idem

July 16, 2003

RE: *Cargill, Inc. - Soybean Processing Division* **157-17769-00038**
TO: Interested Parties / Applicant

FROM: Paul Dubenetzky
Chief, Permits Branch
Office of Air Quality

Notice of Decision: Approval - Effective Immediately

Please be advised that on behalf of the Commissioner of the Department of Environmental Management, I have issued a decision regarding the enclosed matter. Pursuant to IC 13-15-5-3, this permit is effective immediately, unless a petition for stay of effectiveness is filed and granted according to IC 13-15-6-3, and may be revoked or modified in accordance with the provisions of IC 13-15-7-1.

If you wish to challenge this decision, IC 4-21.5-3 and IC 13-15-6-1 require that you file a petition for administrative review. This petition may include a request for stay of effectiveness and must be submitted to the Office of Environmental Adjudication, ISTA Building, 150 W. Market Street, Suite 618, Indianapolis, IN 46204, **within (18) eighteen days of the mailing of this notice**. The filing of a petition for administrative review is complete on the earliest of the following dates that apply to the filing:

- (1) the date the document is delivered to the Office of Environmental Adjudication (OEA);
- (2) the date of the postmark on the envelope containing the document, if the document is mailed to OEA by U.S. mail; or
- (3) the date on which the document is deposited with a private carrier, as shown by receipt issued by the carrier, if the document is sent to the OEA by private carrier.

The petition must include facts demonstrating that you are either the applicant, a person aggrieved or adversely affected by the decision or otherwise entitled to review by law. Please identify the permit, decision, or other order for which you seek review by permit number, name of the applicant, location, date of this notice and all of the following:

- (1) the name and address of the person making the request;
- (2) the interest of the person making the request;
- (3) identification of any persons represented by the person making the request;
- (4) the reasons, with particularity, for the request;
- (5) the issues, with particularity, proposed for consideration at any hearing; and
- (6) identification of the terms and conditions which, in the judgment of the person making the request, would be appropriate in the case in question to satisfy the requirements of the law governing documents of the type issued by the Commissioner.

If you have technical questions regarding the enclosed documents, please contact the Office of Air Quality, Permits Branch at (317) 233-0178. Callers from within Indiana may call toll-free at 1-800-451-6027, ext. 3-0178.

Enclosure

FNPER.wpd 8/21/02

July 16, 2003

Mr. John Zoss
Cargill, Inc.
1503 Wabash Avenue
Lafayette, IN 47902

Re: 157-17769
Administrative Amendment to
PSD/SSM 157-11361-00038

Dear Mr. Zoss:

Cargill, Inc., located at 1503 Wabash Avenue, Lafayette, Indiana was issued a PSD/Significant Source Modification for a soybean oil extraction plant. A letter requesting a change in the permit was received on May 23, 2003. The change qualifies as corrections to typographical error, under 326 IAC 2-7-11(1). Therefore, the permit is hereby administratively amended as follows (new language is **bolded** and deletions are ~~struck through~~ for emphasis):

Request 1: Cargill has identified an error in the pound per hour rate limit shown in table D.1.1(d) for baghouse #3.

Response 1: IDEM, OAQ has reviewed the permit and agrees that the limit in table D.1.1(d) for baghouse #3 was a typographical error. The table will be changed as follows:

D.1.1 PSD Minor Limit [326 IAC 2-2] [40 CFR 52.21]
Pursuant to 40 CFR 52.21, and 326 IAC 2-2
(a) through (c) no change

(d) The following facilities' PM, and PM10 emissions rates shall be limited as follows:

Facility	Control	Air Flow Rate Limit (dscfm)	Grain Loading (gr/dscf)	PM Limit (lbs/hour)	PM10 Limit (lbs/hour)
Grain receiving system	Baghouse #4	12,275	0.005	0.526	0.526
Grain storage loading		-	-	15.0	8.36
Grain storage unloading	Baghouse #10	20,500	0.006	1.05	1.05
Bean screener	Baghouse #1	11,000	0.00144	0.136	0.136
Grain dryer		-	-	49.5	12.4
Grain tanks and silos loading		-	-	3.05	1.72
Grain tanks and silos unloading	Baghouse #9	16,200	0.006	0.833	0.833
Soybean cracking & hulling system	Baghouse #3	16,000	0.005	0.137 0.686	0.137 0.686

Soybean flaking	Cyclone #4	7,600	0.0058	0.378	0.378
Hull transfer		320	0.01	0.027	0.027
DTDC meal dryers	Cyclones #6 & 7	12,500	0.0061	0.654	0.654
Meal coolers	Cyclones #8 & 9	15,400	0.01	1.32	1.32
Meal sizing and grinding	Baghouse #2	14,000	0.007	0.84	0.84
FDS cooler collector	Baghouse #6	22,000	0.008	1.51	1.51
Meal and hull loadout	Baghouse #5	16,000	0.004	0.549	0.549
Flake loadout	Baghouse #7	10,000	0.004	0.343	0.343
Reject flake storage Based on 2400 tons of reject flake loadout	Baghouse #8	3000	0.013	0.334	0.334
Hull blend back		320	0.01	0.027	0.027
Boilers 1 and 2		794.13 Mmcubic feet of natural gas		3.02 tpy	3.02 tpy

All other conditions of the permit shall remain unchanged and in effect. Please attach a copy of this amendment and the following revised permit pages to the front of the original permit.

This decision is subject to the Indiana Administrative Orders and Procedures Act - IC 4-21.5-3-5. If you have any questions on this matter, please contact Aida De Guzman, at (800) 451-6027, and ask for extension (3-4972), or dial (317) 233-4972.

Sincerely,

Original signed by Phil Perry, Acting Chief
Paul Dubenetzky, Chief
Permits Branch
Office of Air Quality

Attachments

APD

cc: File - Tippecanoe County
U.S. EPA, Region V
Tippecanoe County Health Department
Air Compliance Section Inspector - Wanda Stanfield
Compliance Data Section - Karen Nowak
Administrative and Development
Technical Support and Modeling - Michele Boner

**PREVENTION of SIGNIFICANT DETERIORATION (PSD)
and PART 70 SIGNIFICANT SOURCE MODIFICATION
OFFICE OF AIR QUALITY**

**Cargill, Inc.
1503 Wabash Avenue,
Lafayette, Indiana 47902**

(herein known as the Permittee) is hereby authorized to construct and operate subject to the conditions contained herein, the emission units described in Section A (Source Summary) of this approval.

This approval is issued in accordance with 326 IAC 2-2 and 40 CFR 52.21 (Regulations for preventing significant deterioration of air quality); 40 CFR 124 (Procedures for decision making); and 40 CFR Part 70 Appendix A and contains the conditions and provisions specified in 326 IAC 2-2; and 2-7 as required by 42 U.S.C. 7401, et. seq. (Clean Air Act as amended by the 1990 Clean Air Act Amendments), 40 CFR Part 70.6, IC 13-15 and IC 13-17.

Source Modification No.: 157-11361- 00038	
Issued by: Paul Dubenetzky, Branch Chief Office of Air Quality	Issuance Date: December 3, 2001
Administrative Amendment No.: 157-17769	Pages Affected: 21
Issued by:Original signed by Phil Perry,Acting Chief Paul Dubenetzky, Branch Chief Office of Air Quality	Issuance Date: July 16, 2003

not exceed 67,250 tons up to a maximum total of 821,250 tons for the first twelve (12) months.

- (b) The soybean received by the dump bed trucks shall be limited to 82,125 tons per twelve-(12) month period, rolled on a monthly basis.

During the first three (3) months after issuance of this Significant Source Modification, the total amount of soybeans received by dump bed trucks shall be limited to a total of 29,625 tons. For the remaining nine (9) months, the total amount of soybeans received shall be limited such that the total soybean processed divided by the accumulated months of operation shall not exceed 6,725 tons up to a maximum total of 82,125 tons for the first twelve (12) months.

- (c) The reject flakes loadout shall be limited to 2,400 tons per twelve-(12) month period, rolled on a monthly basis.

During the first three-(3) months after issuance of this Significant Source Modification, the total amount of reject flakes loadout shall be limited to a total of 865.6 tons. For the remaining nine (9) months, the total amount of reject flakes loadout shall be limited such that the total reject flakes loadout divided by the accumulated months of operation shall not exceed 170.5 tons up to a maximum total of 2,400 tons for the first twelve (12) months.

- (d) The following facilities' PM, and PM10 emissions rates shall be limited as follows:

Facility	Control	Air Flow Rate Limit (dscfm)	Grain Loading (gr/dscf)	PM Limit (lbs/hour)	PM10 Limit (lbs/hour)
Grain receiving system	Baghouse #4	12,275	0.005	0.526	0.526
Grain storage loading		-	-	15.0	8.36
Grain storage unloading	Baghouse #10	20,500	0.006	1.05	1.05
Bean screener	Baghouse #1	11,000	0.00144	0.136	0.136
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Soybean cracking & hulling system	Baghouse #3	16,000	0.005	0.686	0.686
Soybean flaking	Cyclone #4	7,600	0.0058	0.378	0.378
Hull transfer		320	0.01	0.027	0.027
DTDC meal dryers	Cyclones #6 & 7	12,500	0.0061	0.654	0.654